



DEPARTMENT OF THE ARMY  
US ARMY CHEMICAL SCHOOL  
FORT LEONARD WOOD, MISSOURI 65473-8926

REPLY TO  
ATTENTION OF

ATZT-CDC (1mm)

3 March 2000

MEMORANDUM FOR Integrated Concept Team (ICT) Charter Members

SUBJECT: ICT Charter for Unmanned Ground Vehicle Rapid Obscuration Platform (UGVROP)

1. **Reference:** Memorandum ATZT-CDC, Information Paper Robotic Obscurants Projector Path Forward, dtd 31 Jan 00.
2. **Purpose:** To develop initial operational concept and requirements documentation for an unmanned system that will increase the survivability of the IBCT by looking at avoiding detection and hit avoidance.
3. **Background:** As the Army moves through this period of transformation we need to look at existing technologies that can be integrated to provide greater force protection to a more lethal yet lighter force.
4. **Scope:** This ICT will explore existing technologies to identify a low cost yet effective force survivability tool that will include sensor to shooter technology and the use of unmanned (robotic) systems. The ICT report will focus on force survivability requirements, associated materiel, and technology solutions.
5. **Objectives:** To identify and test a proof of concept for total force survivability through the use of UGV ROP.
6. **Deliverables:**
  - a. Concept statement for UGVROP.
  - b. Action Plan.
  - c. Analysis of Alternatives
  - d. Operational Requirements Documentation.
  - e. Analysis of Virtual and Live assessment of UGVROP.
7. **Schedule:** Final report is due to Cmdt, USACMLS NLT 1 Nov 00 for approval.
8. **Organization:** This ICT will consist of a chairman, a team leader, and members from the organizations listed below. Members will be designated by the participating and supporting organizations. Membership is by name. Once ICT members are designated by the

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participating organizations, individuals should not be changed, except for emergency or change of job assignment.

a. Chairman: CPT Budd C. Gilfillen Jr., Smoke Team Chief, Chemical Division, MANSCEN DCD, HQ MANSCEN.

b. Team Leader: Mr. David Ito, Action Officer, Smoke Team, Chemical Division, MANSCEN DCD, HQ MANSCEN.

c. Members:

- (1) Battle Labs: MSBL.
- (2) School DCD: MANSCEN DCD-Chemical.
- (3) DTLOMS: Chief CD.
- (4) TSIPO
- (5) Other Agencies as required: JPO-UGV, PM Smoke, RTIA, MANSCEN Sim Ctr, ARL-HRED, DPW-Enviro, SJA, MANSCEN DOTD.

#### **9. Responsibilities:**

- a. The ICT Chairman shall be responsible for:
  - (1) Execution of the charter.
  - (2) Formation of the ICT.
  - (3) Setting meeting dates, IPRs, and internal product milestones.
  - (4) Ensuring the ICT work environment fosters an atmosphere that promotes crossing organizational boundaries and free flow dialogue.
  - (5) Reports through the Chemical Division MANSCEN DCD Chief, through Director DTLOMS, through the Assistant Commandant USACMLS to the Commandant USACMLS.
- b. The Team Leader is responsible for:
  - (1) Day-to-day management of the ICT process.
  - (2) Recommending/announcing venues and meeting dates.
  - (3) Conducting/administering ICT meetings.
  - (4) Documenting decisions in minutes and distribution of minutes to the membership.
  - (5) Maintaining the ICT membership listing.
- c. The ICT members are responsible for:
  - (1) Accepting taskings that require research, writing, and briefing.
  - (2) Actively participating in the ICT by supporting and attending ICT meetings.
  - (3) Completing assigned tasks and providing results on schedule.
  - (4) Keeping their chain of command informed of ICT progress as a condition of being empowered to act on behalf of their organization.

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(5) Identifying potential good ideas across DTLOMS.

**10. Duration:** This charter is effective upon signature and terminates upon USACMLS approval of the final report.

**11.** Point of contact is CPT Budd Gilfillen, Obscurants Team Lead, Chemical DCD, at (573) 596-0131 ext. 37145 or DSN 676-7145 or email at [gilfillb@wood.army.mil](mailto:gilfillb@wood.army.mil).

A handwritten signature in black ink, appearing to read "Pat Nilo", is positioned to the left of a vertical line.

PATRICIA L. NILO  
COL, CM  
Commandant